

WHAT IS CLAIMED IS:

1. A multimedia data file producer adapted to be used with a personal computer, comprising:

an image pickup device for receiving an image signal from an object and transformed said image signal into a first analog signal of a first electric level;

a sound image pickup device for receiving a sound signal and transformed said sound signal into a second analog signal of a second electric level;

an analog-digital converter electrically connected to said image pickup device and said sound pickup device for converting said first and second analog signals into a first and a second digital signals; and

a processor electrically connected to said analog-digital converter for receiving said first and second digital signals to produce a multimedia data file consisting of digital image and sound information, which is provided for said personal computer.

2. The multimedia data file producer according to claim 1 wherein said image pickup device includes:

a lens set for focusing said image signal; and

a photo-electric converting element for sensing said focused image signal to generate said first analog signal.

3. The multimedia data file producer according to claim 2 wherein said photo-electric converting element is a charge coupled device (CCD).

4. The multimedia data file producer according to claim 2 wherein said photo-electric converting element is a contact image sensor (CIS).

5. The multimedia data file producer according to claim 2 wherein said image pickup device further includes a reflection mirror set for

transmitting said image signal to said lens set.

6. The multimedia data file producer according to claim 1 wherein said sound image pickup device includes a microphone for receiving said sound signal and transformed said sound signal into said second analog signal.
7. The multimedia data file producer according to claim 1 wherein said sound image pickup device includes a filter for filtering off a noise signal from said second analog signal.
8. The multimedia data file producer according to claim 7 wherein said noise signal has a frequency beyond a predetermined frequency range.
9. The multimedia data file producer according to claim 8 wherein said predetermined frequency range includes a frequency range of a human voice.
10. The multimedia data file producer according to claim 1 further comprising a multiplexer electrically connected among said image pickup device, said sound pickup device and said analog-digital converter for multitasking said first and second analog signals, and then transmitting said first and second analog signals to said analog-digital converter.
11. The multimedia data file producer according to claim 10 wherein said multiplexer performs time-sharing multitasking.
12. The multimedia data file producer according to claim 1 wherein said sound signal is an aside to be attached to the image of said object.
13. The multimedia data file producer according to claim 1 wherein said sound signal is a voice control signal for starting to produce said

multimedia data file.

14. The multimedia data file producer according to claim 13 wherein
said voice control signal is received and transformed into a third
analog signal of a third electric level in said sound pickup device,
5 converted into a digital signal in said analog-digital converter, and
identified by said personal computer.

15. A multimedia data file producer adapted to be used with a personal
computer, comprising:

an image pickup device for receiving an image signal from an
10 object and transformed said image signal into a first analog signal of a
first electric level;

a sound image pickup device for receiving a sound signal and
transformed said sound signal into a second analog signal of a second
electric level;

15 a first analog-digital converter electrically connected to said image
pickup device for converting said first analog signal into a first digital
signal;

a second analog-digital converter electrically connected to said
sound pickup device for converting said second analog signal into a
20 second digital signal; and

a processor electrically connected to said first and second
analog-digital converters for receiving said first and second digital
signals to produce a multimedia data file consisting of digital image and
sound information, which is provided for said personal computer.

25 16. The multimedia data file producer according to claim 15 wherein
said image pickup device includes:

a lens set for focusing said image signal; and

a photo-electric converting element for sensing said focused image signal to generate said first analog signngngngngngnngnal.

17. *p+11Xmultimedia data file producer according to claim 16 wherein said photo-electric converting element is a charge coupled device (CCD).

18. The multimedia data file producer according to claim 16 wherein said photo-electric converting element is a contact image sensor (CIS).

19. The multimedia data file producer according to claim 16 wherein said image pickup device further includes a reflection mirror set for transmitting said image signal to said lens set.

20. The multimedia data file producer according to claim 15 wherein said sound image pickup device includes:

a microphone for receiving said sound signal and transformed said sound signal into said second analog signal; and

a filter for filtering off a noise signal from said second analog signal.

21. The multimedia data file producer according to claim 20 wherein said noise signal has a frequency beyond a frequency range of a human voice.

22. The multimedia data file producer according to claim 15 further comprising a digital signal processor (DSP) which is electrically connected to said second analog-digital converter for receiving and processing said second digital signal, and then outputting said processed second digital signal.

23. The multimedia data file producer according to claim 15 further comprising a multiplexer electrically connected among said first and

second analog-digital converters and said processor for multitasking said first and second digital signals, and then transmitting said first and second analog signals to said analog-digital converter.

24. The multimedia data file producer according to claim 23 wherein
5 said multiplexer performs time-sharing multitasking.

25. The multimedia data file producer according to claim 15 wherein said sound signal is an aside to be attached to the image of said object.

26. The multimedia data file producer according to claim 15 wherein
10 said sound signal is a voice control signal for starting to produce said multimedia data file.

27. The multimedia data file producer according to claim 26 wherein
said voice control signal is received and transformed into a third
analog signal of a third electric level in said sound pickup device,
15 converted into a digital signal in said second analog-digital converter,
and identified by said personal computer.